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G-Technology™
by Hitachi

G-DRIVE™ mobile

Introduction

Thank you for purchasing the G-DRIVE™ mobile from G-Technology™, G-DRIVE mobile hard drives from G-Technology are the ideal storage solutions for professionals on the go.



This drive is the perfect complement for your Apple MacBook Pro®. Weighing in at less than 9 oz., G-DRIVE mobile offers a stylish look with a heavy-duty feel. Up to 500 GB of storage space is available to store or backup your important documents, MP3s, digital video or digital photo files.

Back up all those files on your MacBook Pro automatically. The G-DRIVE mobile is Time Machine™ ready right out of the box! The drive features a silent, “fan-less” design and an



integrated cooling system to ensure reliable operation and long life.

G-DRIVE mobile is bus powered, eliminating the need to carry around an external AC power supply to use the drive. Portability was never so easy!



NOTE: G-DRIVE mobile is formatted for the Mac® OS and will mount on the desktop right out of the box. For details on reinitializing the G-DRIVE mobile, using the G-DRIVE mobile on Windows, or for using the G-DRIVE mobile for both Windows® and Mac, click [here](#).

Safety Precautions

The disk drive contained in your G-DRIVE mobile is a delicate electronic instrument and is susceptible to damage due to excessive physical shock. Place the unit in a vented area away from moisture or liquids. Please handle the unit with care. Do not open the case. Doing so will void the warranty. *If the product is returned with damage caused by improper handling, the warranty will be void and liability will rest with the user.*

System Requirements

FireWire™ 800 FireWire 400 (via a 9 to 6 pin cable) and USB 2.0 operation

- Mac OS X 10.3 or higher
- Windows XP/ Vista/ Windows 7



What's in the Box

Note: Take a moment to ensure that the



G-DRIVE™ mobile

following items are included in the box.

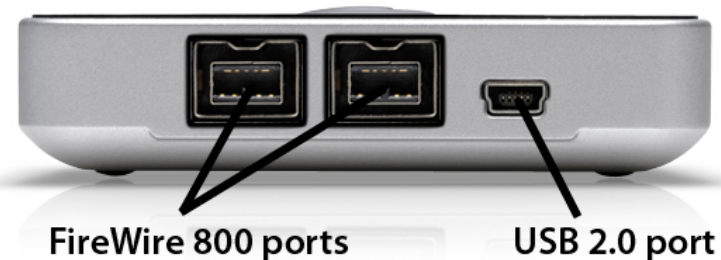
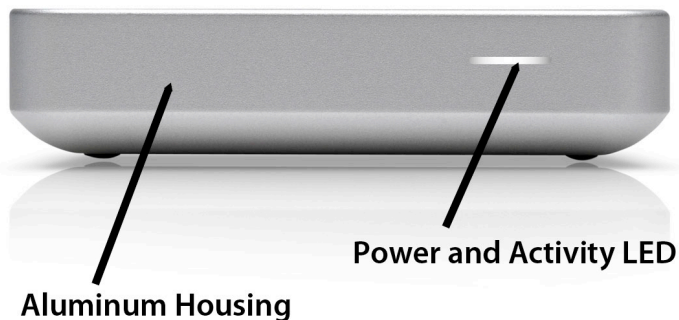
G-DRIVE mobile

- G-DRIVE mobile drive (FireWire 800, USB 2.0)
- USB 2.0 cable (9 pin to 6 pin)
- FireWire 800 to 400 cable
- FireWire 800 cable

If anything is missing, please call G-Technology at (310) 449-4599. For more details on this, click [here](#).

G-DRIVE mobile Overview

Note the various features of the G-DRIVE mobile. There is a Power and Activity LED on the front of the unit. On the rear of the unit are 2 FireWire 800 ports, a USB 2.0 port, an On/Off Switch and DC Power In.



Attention Mac OS X Users



G-DRIVE mobile is set up at the factory for use with Mac OS X systems. If you are running Mac OS X, G-DRIVE mobile will mount on the OS X desktop right out of the box. If it becomes necessary to re-format G-DRIVE mobile for Mac OS X, go [here](#).

Attention Windows Users



G-DRIVE mobile must be formatted for the Windows Operating System before using the G-DRIVE mobile.

For more information about using the G-DRIVE mobile for Windows XP/Vista /Windows 7 use, please visit: <http://www.g-technology/support/windows>

Attention Cross-Platform Users

G-DRIVE mobile can be used on both Mac and PC systems by formatting the drive "FAT32." There are some limitations when using FAT 32. Alternatively you can install software on the



G-DRIVE™ mobile

Windows machine such as “MacDrive” which will allow you to mount Mac formatted drives on your PC.



For more information about using the G-DRIVE mobile for cross-platform use, go [here](#).

Installing G-DRIVE mobile

G-DRIVE mobile attaches to your computer via FireWire 800 ports or a USB 2.0 port. The G-DRIVE mobile has 2 FireWire 800 ports and a single USB port at the rear of the drive (see below). Connect the drive with one of the enclosed cables and then power up your MacBook. The drive will automatically mount on the desktop. Note: No AC power supply is necessary.



Initializing G-DRIVE mobile

G-DRIVE mobile is set up at the factory for use with Mac OS X systems. If you are running Mac OS X, G-DRIVE mobile will mount on the OS X desktop right out of the box. If it becomes necessary to re-format G-DRIVE mobile, follow the instructions below.

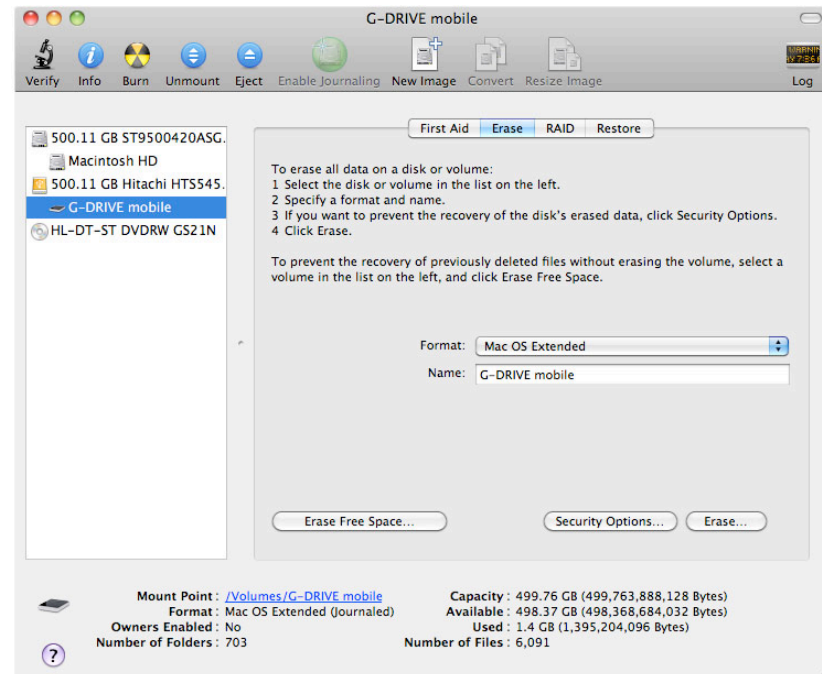
- For Mac OS X installations see below
- For Windows XP /Vista/ Windows 7 installations go here <http://www.g-technology/support/windows>

- For cross-platform use, go [here](#).

Reformatting for Mac OS X

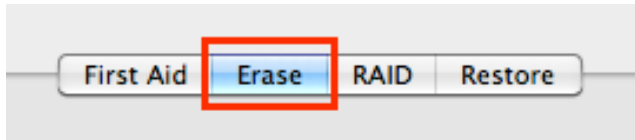
You'll first need to open Apple *Disk Utility* in order to initialize the disk for Mac OS X. Apple *Disk Utility* is in the **Utilities** Folder located in the **Applications** Folder on the Macintosh HD (or press Shift + Command + U to open the Utilities folder).

A window like the following will appear. G-DRIVE mobile will be displayed in the left-hand column.

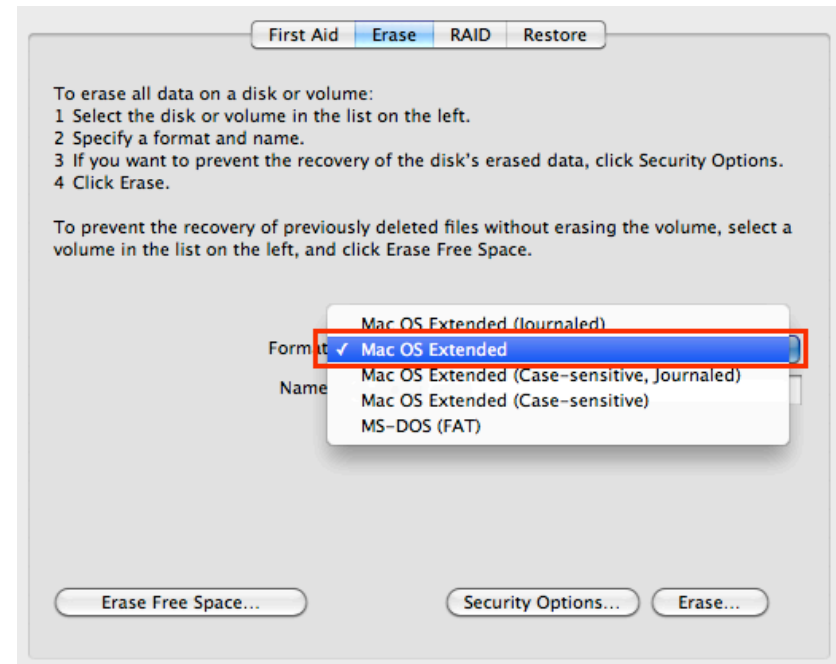


G|DRIVE™ mobile

1. Select G-DRIVE mobile by clicking on the drive icon in the left-hand column, as shown. Information about G-DRIVE mobile will be displayed at the bottom of the window.
2. Select the Erase tab to view the formatting options. By default, the Format is set to Mac OS Extended (Journaled), as indicated in the Format category.



3. Choose the Format:
 - Set the format to Mac OS Extended (Journaled) if you intend to use G-DRIVE mobile for Time Machine or to create a separate bootable installation of OS X.
 - For best performance and for media storage, set the Format to Mac OS Extended. Click on the Format menu to change it to "Mac OS Extended".

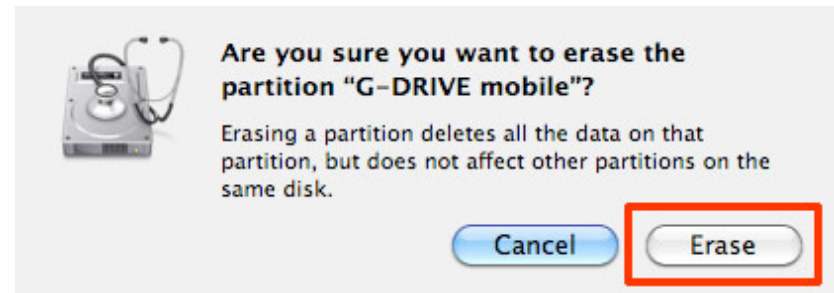


4. Click the Erase Button in the lower corner of the window.



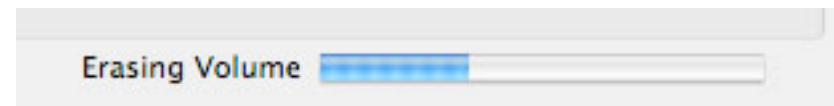
5. A dialog box will launch after clicking the button.

WARNING: THIS NEXT STEP WILL ERASE ALL DATA ON YOUR DRIVE.



5. Click on the Erase button to continue.

A progress bar in the lower right corner of the window will show you the progress of the disk's reformatting.



After reinitializing the G-DRIVE mobile the icon for the G-DRIVE mobile has been erased. You can restore it.

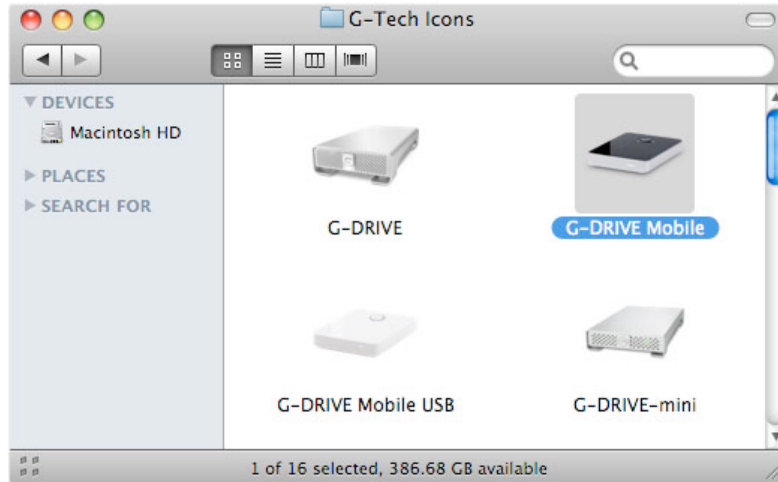
Restore the icon by doing the following:

1. Go to the G-Technology website and download the "icon package". Click [here](#) to download the package.

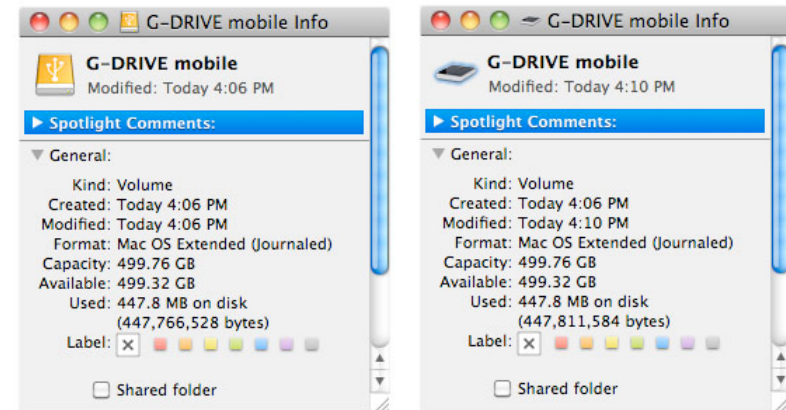


G-DRIVE™ mobile

2. Once downloaded, select the icon for the G-DRIVE mobile in the G-Technology Icons disk.



3. Press Command + C to copy the icon.
4. Select the G-DRIVE mobile FireWire icon on the Desktop and press Command + I.
5. Select the FireWire Icon in the "Get Info" window (left)



6. Press Command + V to paste the icon into the Get Info window (right).

The icon for your G-DRIVE mobile has now been restored.

You can now close the Get Info window.

After reinitializing the drive and restoring your icon, your G-DRIVE mobile is ready for use.



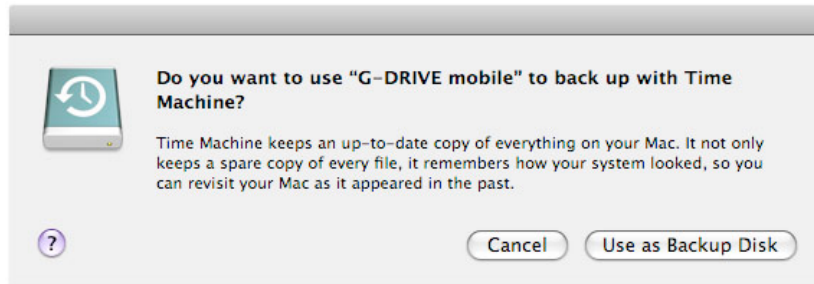
Using G-DRIVE mobile with Time Machine

G-DRIVE mobile is a perfect candidate to use with Apple Time Machine. Time Machine provides automatic backup for your crucial files. The following steps will guide you in setting up the G-DRIVE mobile with Time Machine.

Format the drive as Mac OS Extended (Journaled) as described in "Reformatting for Mac OS X" [here](#).

G-DRIVE™ mobile

After the drive is reinitialized, you should see the following dialog box. Click the *Use as Backup Disk* button.



If the dialog box did not launch, go to the Apple Menu > System Preferences and click on the Time Machine icon.

The Time Machine pane of System Preferences will then launch and be automatically switched to on.



You are now free to set options by clicking the Options button. This chooses files you do not want to backup.

The G-DRIVE mobile is now backing up your important files automatically with Time Machine.

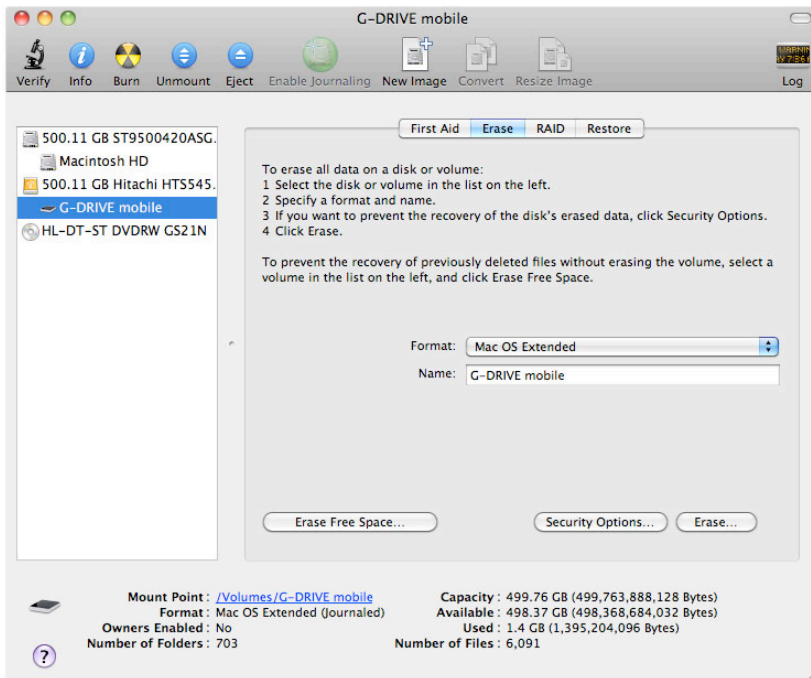


Cross Platform Use

To setup your G-DRIVE mobile for use on both Windows and Macintosh systems, use Apple *Disk Utility* and format G-DRIVE mobile to MS-DOS (FAT), also known as "FAT32".

Open Apple *Disk Utility*. Apple *Disk Utility* is in the **Utilities** Folder located in the **Applications** Folder on the Macintosh HD (or press Shift + Command + U to open the Utilities folder).

A window like the one below will appear.

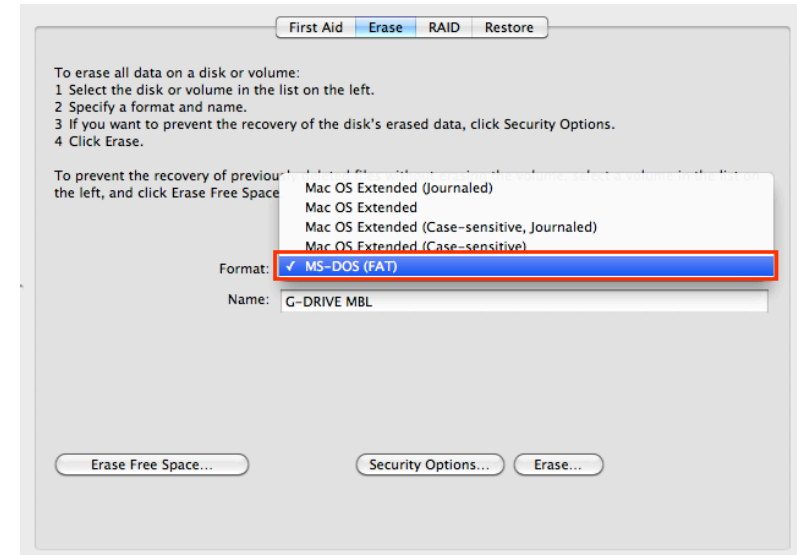


1. Select the G-DRIVE mobile from the left-hand column
2. Click on the "Erase" button at the top of the window as shown.

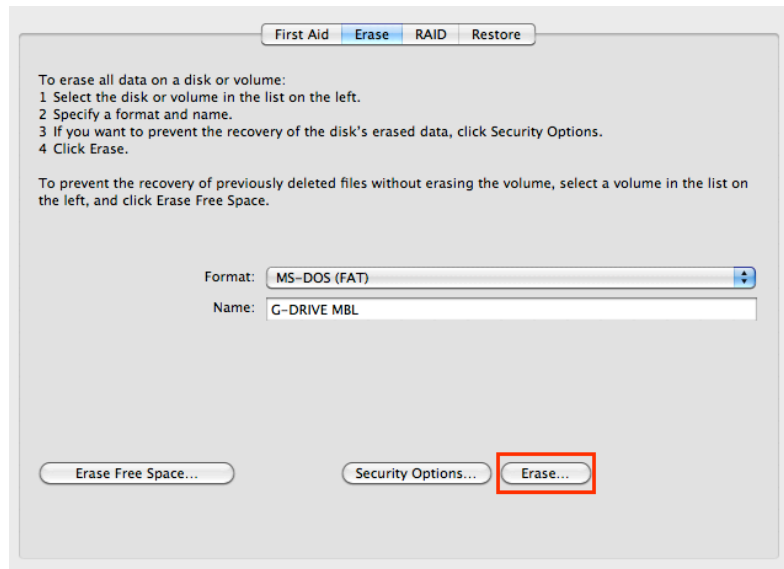


3. Select MS-DOS File System from the *Format* drop down menu. NOTE: You may need to re-name the drive because

FAT32 does not support more than 11 letters in the drive name.

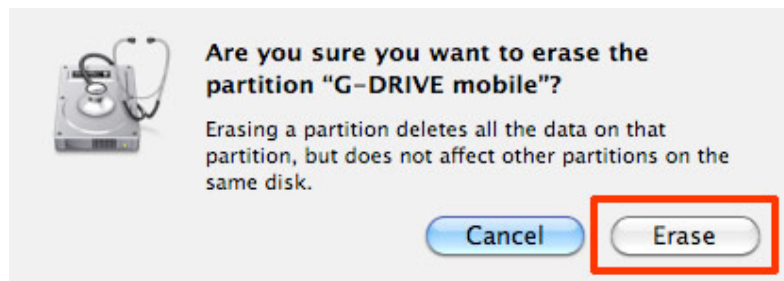


4. Click the *Erase* button in the lower right corner of the window.



5. A new dialog box appears.

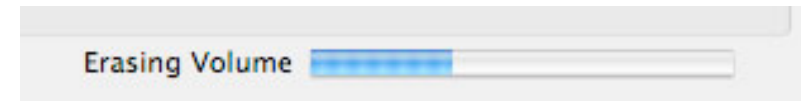
WARNING: THIS NEXT STEP WILL ERASE ALL DATA ON YOUR DRIVE.



6. Click the *Erase* button.

A progress bar in the lower right corner of the window will

show you the progress of the disk's reformatting.



Your drive will be formatted to its full capacity as FAT32.

7. Reset the G-DRIVE mobile icons as described [here](#).

8. Exit Apple *Disk Utility*.

With this format, you will be able to READ/WRITE on both Windows XP/ Vista/ Windows 7 and Mac OS X machines.

NOTE: You could format your drive on a Windows machine FAT32, however Windows currently limits FAT32 partitions to 32GB in size.

NOTE: The 'MS-DOS File System' cannot write files over 4 GB. If you are working with files over 4 GB, you may want to choose a software option like MacDrive. MacDrive is Windows software that enables the Windows OS to mount Mac formatted drives. (www.macdrive.com)

Disconnecting G-DRIVE mobile

A great feature of G-DRIVE mobile is its ability to be connected and disconnected while your computer is running. To prevent failures and/or data loss it is important to follow the steps below when disconnecting or "unmounting" the G-DRIVE mobile from your computer.



1. Before powering down and disconnecting G-DRIVE mobile, you must unmount the system by simply dragging the G-DRIVE mobile icon to the trash located in the dock.

2. It is now safe to power off and remove G-DRIVE mobile from your system.

For unmounting G-DRIVE mobile with Windows based systems, see the Windows documentation at <http://www.g-technology.com/support/windows>

Optimizing Data Transfer Rates

G-DRIVE mobile can be connected to any Mac or PC that has a FireWire 800 or a USB 2.0 port.

Technical Support

G-Technology appreciates and values its customers, striving to give you the finest service and support. If you encounter any difficulties while installing the G-DRIVE mobile, or if the G-DRIVE mobile needs maintenance, please contact G-Technology Technical Support via one of the following ways:

Telephone: (310) 449-4599

Fax: (310) 449-4670

E-mail: support@g-technology.com

Internet: <http://www.g-technology.com>

When contacting Technical Support, make sure to be in front of your computer and have the following information readily available:

- Your G-DRIVE mobile serial number (on bottom of unit)
- Operating system and version
- Computer brand and model
- Amount of memory installed
- Other devices attached to your computer

Thank you for purchasing G-DRIVE mobile. If you have any comments or questions about this manual or the product, please call (310) 449-4599, or send an email to support@g-technology.com

Limited Warranty

**Hitachi Global Storage Technologies, ("Hitachi GST")
including G-Technology by Hitachi
Limited Warranty for External Hard Disk Drives**

What does this limited warranty cover?

This Limited Warranty applies to new Hitachi GST external storage products purchased from an authorized Hitachi GST dealer by the original purchase for normal use and not for resale. Hitachi GST warrants that a covered product is free from defects in materials and workmanship, with the exceptions stated below.

How long does limited warranty coverage last?

This limited warranty lasts for 1 year, 2 years, 3 years or 5 years, or a fixed period from date of purchase, depending on when and where it was originally purchased. To determine the warranty specifically for your product, visit www.g-technology.com. A valid proof of purchase may be required to prove eligibility. If you do not have a valid proof of purchase, the limited warranty period will be measured from



the date of sale from Hitachi GST to the authorized distributor.

What does this limited warranty not cover?

The limited warranty does not cover damage resulting from commercial use, misuse, accident, modification or alteration to hardware or software, tampering, unsuitable physical or operating environment beyond product specifications, improper maintenance, or failure caused by a product for which Hitachi GST is not responsible. There is no warranty of uninterrupted or error-free operation. There is no warranty for loss of data—you must regularly back up the data stored on your product to a separate storage product. There is no warranty for product with removed or altered identification labels. Hitachi GST DOES NOT PROVIDE ANY OTHER WARRANTIES OF ANY KIND, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. SOME JURISDICTIONS DO NOT ALLOW THE LIMITATION OF IMPLIED WARRANTIES, SO THIS LIMITATION MAY NOT APPLY TO YOU. HITACHI GST is not responsible for returning to you product which is not covered by this limited warranty.

What must you do?

If you are having trouble with a product, before seeking limited warranty service, first follow the troubleshooting procedures that Hitachi GST or your reseller provides.

To obtain limited warranty service, you must first obtain a Return Materials Authorization (RMA) and ship-to address by contacting G-Technology by Hitachi at <http://www.g-technology.com/support> Please follow the instructions found

on the website. You must return the covered hard disk drive using approved packaging to our logistics center. You must pay any associated transportation charges, duties and insurance in shipping the drive to our logistics center. You should remove all personal information from the product prior to its return.

What will Hitachi GST do?

Hitachi GST will repair or replace covered defective product and ship you repaired or replaced product, transportation prepaid. You receive title to the repaired or replaced product at delivery to carrier at Hitachi GST shipping point. You are responsible for importation of the repaired or replaced product, if applicable. These limited warranty terms apply to the repaired or replaced product, except the limited warranty period is for the greater of the remainder of the original limited warranty period for the returned product or 90 days.

How is our liability limited?

HITACHI GST AND ITS AFFILIATES, SUPPLIERS, DISTRIBUTORS, AND RESELLERS ARE NOT LIABLE FOR ANY OF THE FOLLOWING: 1) THIRD-PARTY CLAIMS AGAINST YOU FOR DAMAGES (OTHER THAN BODILY INJURY INCLUDING DEATH AND TANGIBLE PERSONAL PROPERTY; 2) LOSS OF, OR DAMAGE TO, YOUR DATA; OR 3) SPECIAL, INCIDENTAL, OR INDIRECT DAMAGES OR FOR ANY ECONOMIC CONSEQUENTIAL DAMAGES (INCLUDING LOST PROFITS OR SAVINGS), EVEN IF INFORMED OF THE POSSIBILITY. SOME JURISDICTIONS DO NOT ALLOW LIMITATION OF LIABILITY, INCIDENTAL DAMAGES, OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

How do local laws apply?

G|DRIVE™ mobile

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM JURISDICTION TO JURISDICTION.

**G-Technology, a
division of Hitachi**

Global Storage

Technologies

Tel: (310) 449-4599

Fax: (310) 449-4670

support@g-technology.com



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vary from the stated capacity due to formatting and partitioning of the hard drive, the computer's operating system, and other factors" For G-Technology by Hitachi products less than 1TB: "One gigabyte (GB) is equal to one billion bytes when referring to hard drive capacity. Accessible capacity will vary depending on the operating environment and formatting.

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One gigabyte (GB) is equal to one billion bytes and one terabyte (TB) equals 1,000 GB (one trillion bytes). Accessible capacity will